Appendix

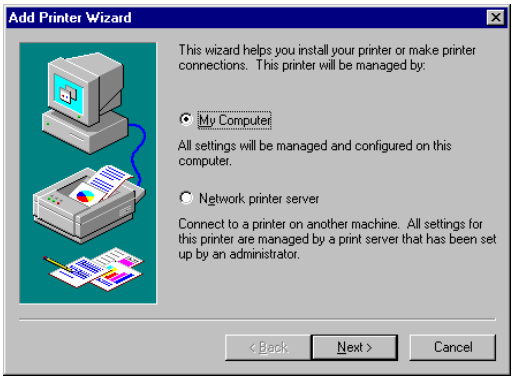
Other Printing Methods

Print using the Windows NT 4.0 LPR port

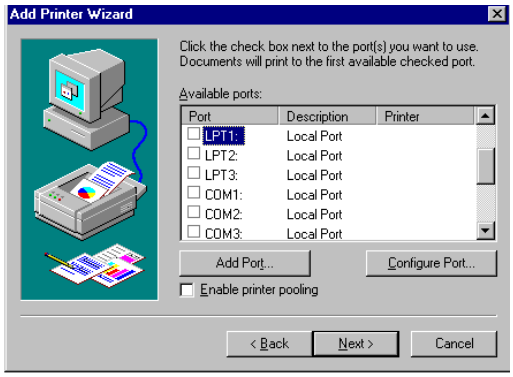
NOTE
TIP

- The Aficio G status monitor cannot be used when printing through a LPR printer port embedded in the Windows NT 4.0.
- To configure this product, you must have the Administrator rights.
- In order to print using LPR, LPR port must be added. Go to **Start - Settings - Control Panel - Network** and select **Services**. Click **Add**, select **Microsoft TCP/IP Printing**, and click **OK**. Component is installed. Restart the computer.

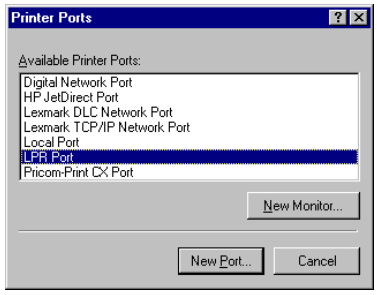
1. Go to **Start-Settings-Printers** and click **Add Printer** and start the wizard. At **Add Printer Wizard**, select **My Computer** and click **Next**.


Add Printer Wizard
This wizard helps you install your printer or make printer connections. This printer will be managed by:
My Computer
All settings will be managed and configured on this computer.
Network printer server
Connect to a printer on another machine. All settings for this printer are managed by a print server that has been set up by an administrator.
< Back
Next >
Cancel

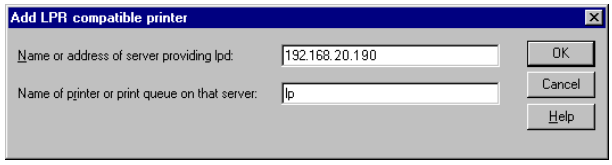
2. Click **Add Port** and create a new port. If you have already created a port when you installed the PRICOM R-9100U, select the port from the list and continue with step 6.



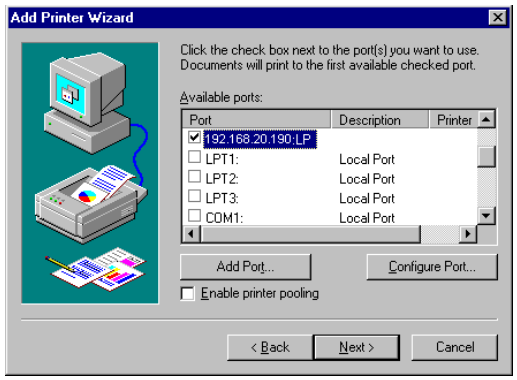
3. Select **LPR Port** from the **Available Printer Ports** and click **New Port**.



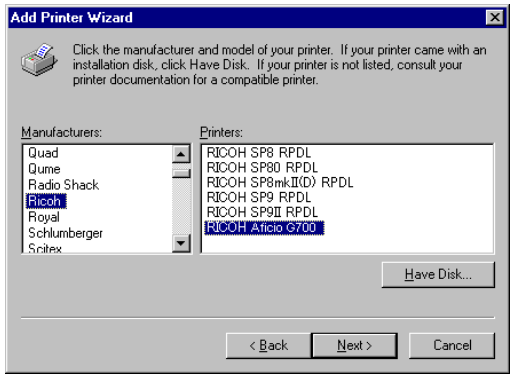
4. At **Name or address of server providing lpd**, type in the IP address which was set to the PRICOM R-9100U. At **Name of printer or print queue on that server**, add **lp** and click **OK**.



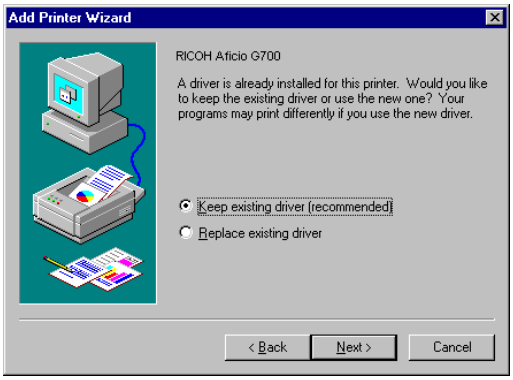
5. The list of **Available Printer Ports** will appear. Click **Close**. The name will be added to the **Available ports.** Select the appropriate port, and then click **Next**.



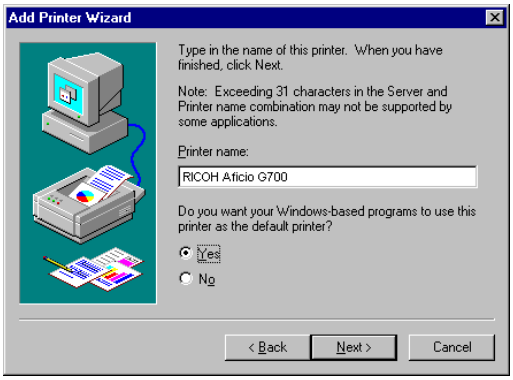
6. At **Add Printer Wizard**, select the printer driver to be used. Click **Next**.



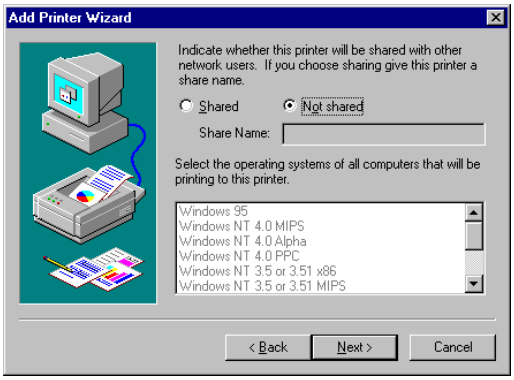
7. Select whether to **Keep existing driver (recommended)** or **Replace existing driver**. Click **Next**.


Add Printer Wizard
RICOH Aficio G700
A driver is already installed for this printer. Would you like to keep the existing driver or use the new one? Your programs may print differently if you use the new driver.
Keep existing driver (recommended)
Replace existing driver
< Back
Next >
Cancel

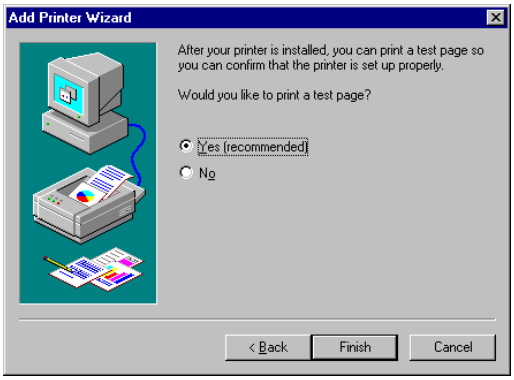
8. At **Printer name**, type the printer name to be used in Windows NT 4.0. If necessary, type name of choice. Select to use or not use this printer as the default printer, then click **Next**.


Add Printer Wizard
Type in the name of this printer. When you have finished, click Next.
Note: Exceeding 31 characters in the Server and Printer name combination may not be supported by some applications.
Printer name:
RICOH Aficio G700
Do you want your Windows-based programs to use this printer as the default printer?
Yes
No
< Back
Next >
Cancel

9. Select **Shared** or **Not shared** according to your environment. If the printer is shared, type a share name. Click **Next**.


Add Printer Wizard
Indicate whether this printer will be shared with other network users. If you choose sharing give this printer a share name.
Shared
Not shared
Share Name:
Select the operating systems of all computers that will be printing to this printer.
Windows 95
Windows NT 4.0 MIPS
Windows NT 4.0 Alpha
Windows NT 4.0 PPC
Windows NT 3.5 or 3.51 x86
Windows NT 3.5 or 3.51 MIPS
< Back
Next >
Cancel

10. Select **Yes**, and click **Finish**. The new printer will be added to the list. If the test print is correct, the printer setup is complete.


Add Printer Wizard
After your printer is installed, you can print a test page so you can confirm that the printer is set up properly.
Would you like to print a test page?
Yes (recommended)
No
< Back
Finish
Cancel

Print using the Windows 2000 LPR port

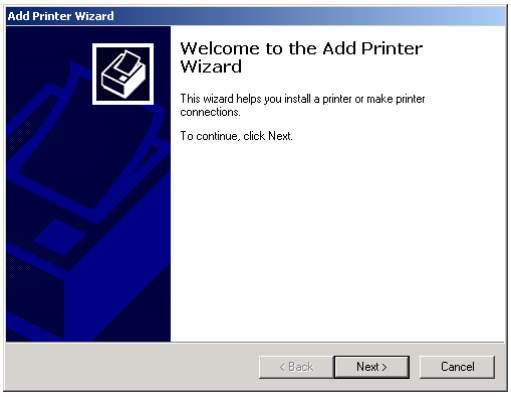
TIP

- The Aficio G status monitor cannot be used when printing through a LPR printer port embedded in Windows 2000.
- To configure this product, you must have Administrator rights.

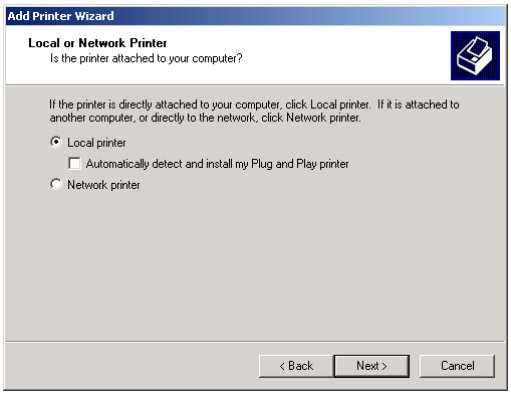
NOTE

- In order to print using LPR, the LPR port must be added. Go to **Start - Settings - Control Panel - Add /Remove Programs - Add/Remove Windows Components** and open **Windows Components Wizard**. In Component, select **Other Network File and Print Services**, click **Detail**, select **Print Services for Unix** and click **OK**. **Windows Component Wizard** will be displayed and click **Next**. After the component is added, click **Finish**. The LPR port is now added.

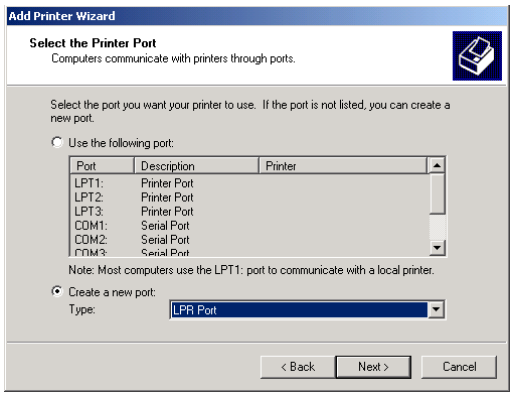
1. Go to **Start - Settings - Control Panel - Printers** and click **Add Printer** and start the wizard. Click **Next**.


Add Printer Wizard
Welcome to the Add Printer Wizard
This wizard helps you install a printer or make printer connections.
To continue, click Next.
< Back
Next >
Cancel

2. Select **Local printer**. Be sure to remove a check mark from the **Automatically detect and install my Plug and Play printer**. Click **Next**.


Add Printer Wizard
Local or Network Printer
Is the printer attached to your computer?
If the printer is directly attached to your computer, click Local printer. If it is attached to another computer, or directly to the network, click Network printer.
Local printer
Automatically detect and install my Plug and Play printer
Network printer
< Back
Next >
Cancel

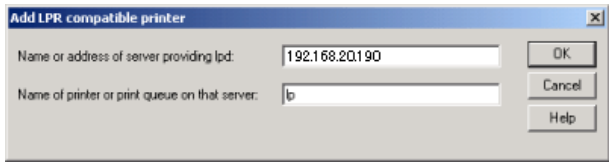
3. Select **Create a new port** in **Select the Printer Port** and create a new port. Select **LPR Port** and click **Next**.


Add Printer Wizard
Select the Printer Port
Computers communicate with printers through ports.
Select the port you want your printer to use. If the port is not listed, you can create a new port.
Use the following port:
Port
Description
Printer
LPT1: Printer Port
LPT2: Printer Port
LPT3: Printer Port
COM1: Serial Port
COM2: Serial Port
Note: Most computers use the LPT1: port to communicate with a local printer.
Create a new port:
Type:
LPR Port
< Back
Next >
Cancel

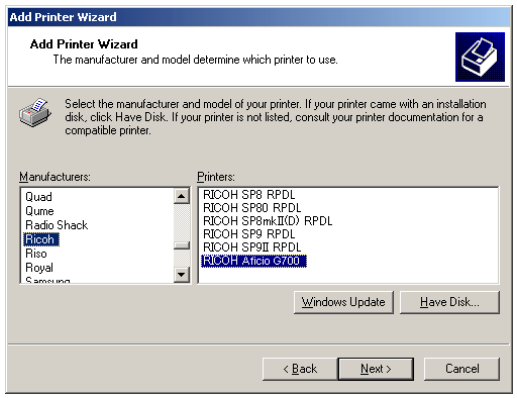
NOTE

- If the destination print port was created when installing the PRICOM R-9100U, select the port from **Use the following port** and click **Next**.

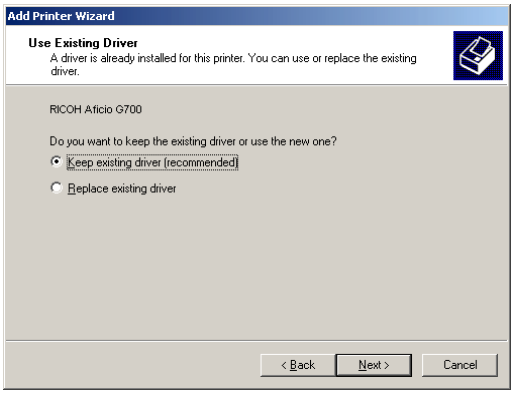
4. At **Name or address of server providing lpd**, type in the IP address which was set to the PRICOM R-9100U. At **Name of printer or print queue on that server**, add **lp** and click **OK**.



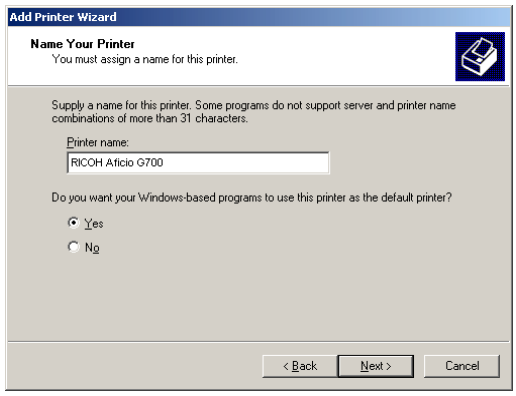
5. At **Add Printer Wizard**, select the printer driver to be used. Click **Next**.



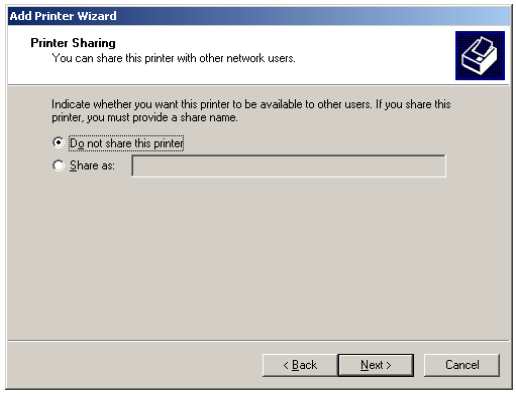
6. When **Use Existing Driver** appears, select whether to **Keep existing driver (recommended)** or **Replace existing driver**. Click **Next**.


Add Printer Wizard
Use Existing Driver
A driver is already installed for this printer. You can use or replace the existing driver.
RICOH Aficio G700
Do you want to keep the existing driver or use the new one?
Keep existing driver (recommended)
Replace existing driver
< Back
Next >
Cancel

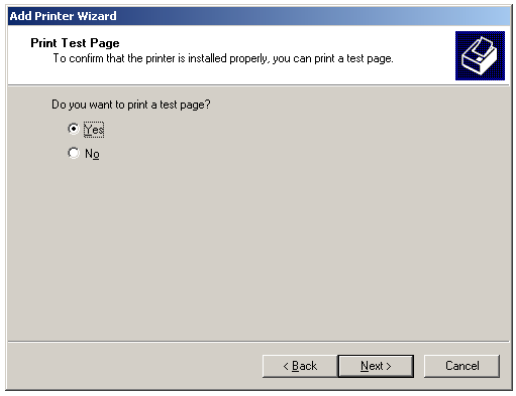
7. At **Name Your Printer**, add the printer name to be used in Windows 2000. Select whether to use this printer as a default printer or not, then click **Next**.


Add Printer Wizard
Name Your Printer
You must assign a name for this printer.
Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters.
Printer name:
RICOH Aficio G700
Do you want your Windows-based programs to use this printer as the default printer?
Yes
No
< Back
Next >
Cancel

8. Select **Share as** or **Do not share this printer** according to your environment on the **Printer Sharing**. If the printer is shared, type a share name. Click **Next**.


Add Printer Wizard
Printer Sharing
You can share this printer with other network users.
Indicate whether you want this printer to be available to other users. If you share this printer, you must provide a share name.
Do not share this printer
Share as:
< Back
Next >
Cancel

9. At the **Print test page**, select **Yes**. Click **Next**.


Add Printer Wizard
Print Test Page
To confirm that the printer is installed properly, you can print a test page.
Do you want to print a test page?
Yes
No
< Back
Next >
Cancel

10. The information of the configuration will be listed. If there are no mistakes, click **Finish**. The new printer will be added to the list. If the test print is correct, the printer setup is complete.

Print using the Windows XP/Windows Server 2003 LPR port

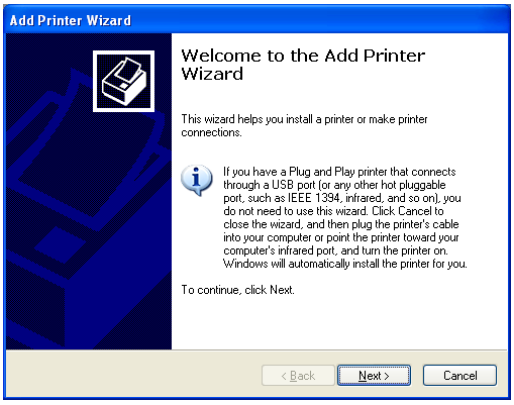
TIP

- The Aficio G status monitor cannot be used when printing through a LPR printer Port embedded in Windows XP, Windows Server 2003.
- To configure this product, you must have Administrator rights.

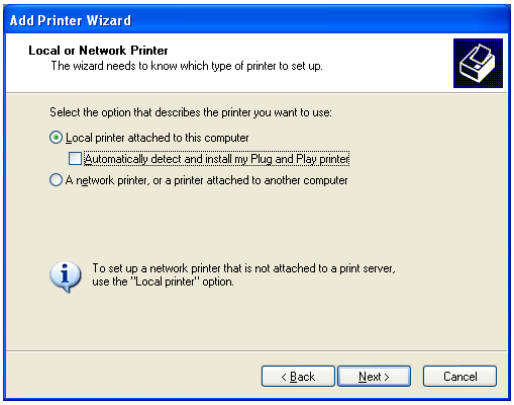
NOTE

- The following example uses Windows XP. If you use Windows Server 2003, the screen will be different.
- In order to print using a LPR, the LPR port must be added. Go to **start-Control Panel-Add or Remove programs-Add/Remove Windows Components** and open **Windows Components Wizard**. In Components, select **Other Network File and Print Services**, click **Details**, select **Print Services for Unix** and click **OK**. **Windows Components Wizard** will be displayed, and then click **Next**. After the component is added, click **Finish**. The LPR port is now added.

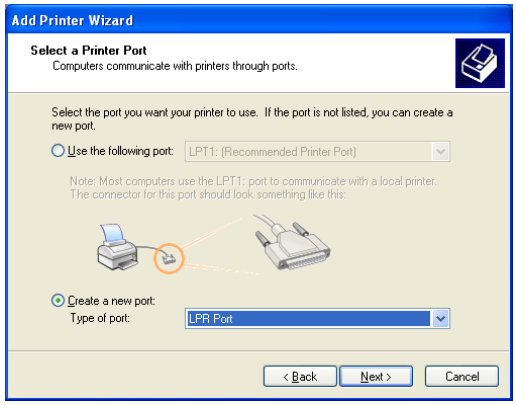
1. Click **start – Control Panel – Printers and Other Hardware – Add printer.** The wizard for add printer appears. Click **Next.**


Add Printer Wizard
Welcome to the Add Printer Wizard
This wizard helps you install a printer or make printer connections.
If you have a Plug and Play printer that connects through a USB port (or any other hot pluggable port, such as IEEE 1394, infrared, and so on), you do not need to use this wizard. Click Cancel to close the wizard, and then plug the printer's cable into your computer or point the printer toward your computer's infrared port, and turn the printer on. Windows will automatically install the printer for you.
To continue, click Next.
< Back
Next >
Cancel

2. Select **Local printer attached to this computer**. Be sure to remove a check mark from the **Automatically detect and install my Plug and Play printer**. Click **Next.**


Add Printer Wizard
Local or Network Printer
The wizard needs to know which type of printer to set up.
Select the option that describes the printer you want to use:
Local printer attached to this computer
Automatically detect and install my Plug and Play printer
A network printer, or a printer attached to another computer
To set up a network printer that is not attached to a print server, use the "Local printer" option.
< Back
Next >
Cancel

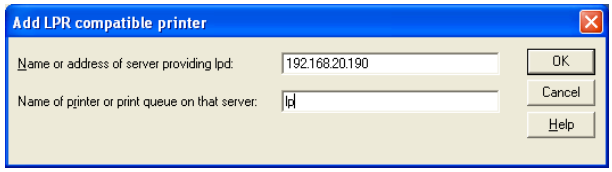
3. Select **Create a new port** in **Select a Printer Port** and create a new port. Select **LPR Port** and click **Next**.


Add Printer Wizard
Select a Printer Port
Computers communicate with printers through ports.
Select the port you want your printer to use. If the port is not listed, you can create a new port.
Use the following port:
LPT1: (Recommended Printer Port)
Note: Most computers use the LPT1: port to communicate with a local printer. The connector for this port should look something like this:
Create a new port:
Type of port:
LPR Port
< Back
Next >
Cancel

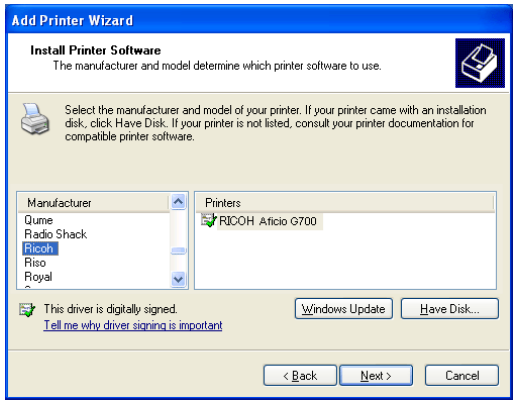
NOTE

- If the destination print port was created when installing the PRICOM R-9100U, select the port from **Use the following port** and click **Next**.

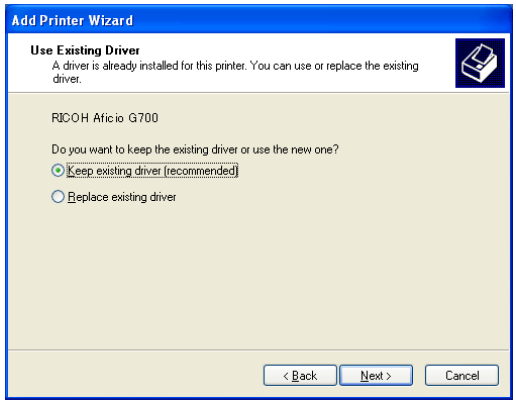
4. At **Name or address of server providing lpd**, type in the IP address which was set to the PRICOM R-9100U. At **Name of printer or print queue on that server**, add **lp** and click **OK**.



5. At **Install Printer Software**, select the printer driver to be used. Click **Next**.


Add Printer Wizard
Install Printer Software
The manufacturer and model determine which printer software to use.
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
Manufacturer
Qume
Radio Shack
Ricoh
Riso
Royal
Printers
RICOH Aficio G700
This driver is digitally signed.
Tell me why driver signing is important
Windows Update
Have Disk...
< Back
Next >
Cancel

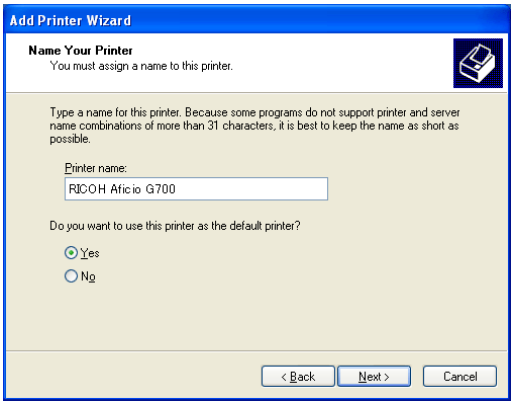
6. When **Use Existing Driver** appears, select whether to **Keep existing driver (recommended)** or **Replace existing driver**. Click **Next**.


Add Printer Wizard
Use Existing Driver
A driver is already installed for this printer. You can use or replace the existing driver.
RICOH Aficio G700
Do you want to keep the existing driver or use the new one?
Keep existing driver (recommended)
Replace existing driver
< Back
Next >
Cancel

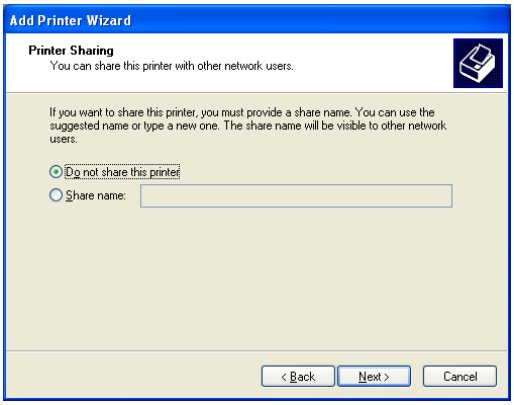
NOTE

- If the latest driver is installed, select **Replace existing driver**.

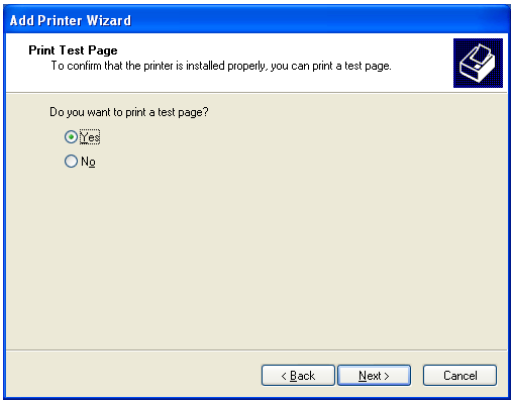
7. At **Name your printer**, add the printer name to be used in Windows PC. Select whether to use this printer as a default printer or not, then click **Next**.


Add Printer Wizard
Name Your Printer
You must assign a name to this printer.
Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible.
Printer name:
RICOH Aficio G700
Do you want to use this printer as the default printer?
Yes
No
< Back
Next >
Cancel

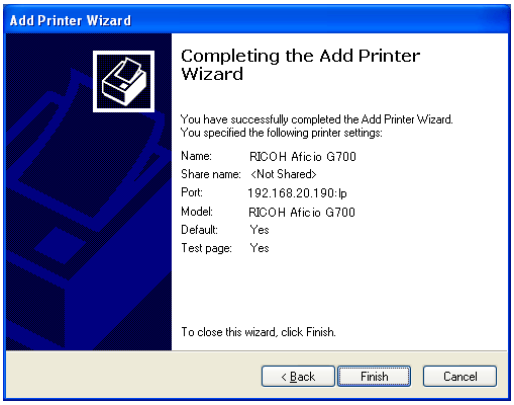
8. Select **Share name** or **Do not share this printer** according to your environment on the **Printer Sharing**. If the printer is shared, type a share name. Click **Next**.


Add Printer Wizard
Printer Sharing
You can share this printer with other network users.
If you want to share this printer, you must provide a share name. You can use the suggested name or type a new one. The share name will be visible to other network users.
Do not share this printer
Share name:
< Back
Next >
Cancel

9. At the **Print test page**, select **Yes**. Click **Next**.


Add Printer Wizard
Print Test Page
To confirm that the printer is installed properly, you can print a test page.
Do you want to print a test page?
Yes
No
< Back
Next >
Cancel

10. The information of the configuration will be listed. If there are no mistakes, click **Finish**. The new printer will be added to the list. If the test print is correct, the printer setup is complete.



Print using the Windows 2000/Windows XP Standard TCP/IP port

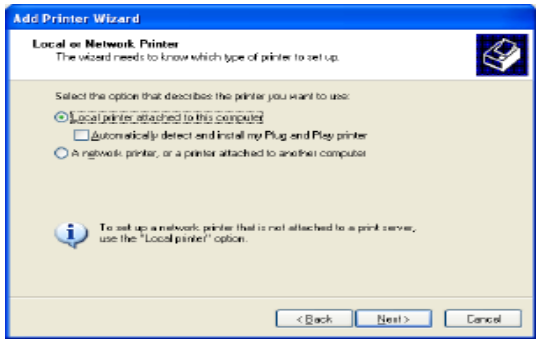
NOTE / TIP
- The following example uses Windows XP. If you use Windows 2000, the screen will be different.
- To configure this product, you must have Administrator rights.
- For the printer port setup procedure in Windows XP SP2, refer to “Print Using a Windows Server 2003 Standard TCP/IP Port”.

1. Click **start – Control Panel – Printers and Other Hardware – Add printer.** The wizard for add printer appears. Click **Next.**

Add Printer Wizard
Welcome to the Add Printer Wizard
This wizard helps you install a printer or make printer connections.
If you have a Plug and Play printer that connects through a USB port (or any other hot pluggable port, such as IEEE 1394, infrared, and so on), you do not need to use this wizard. Click Cancel to close the wizard, and then plug the printer's cable into your computer or point the printer toward your computer's infrared port, and turn the printer on. Windows will automatically install the printer for you.
To continue, click Next.
< Back
Next >
Cancel

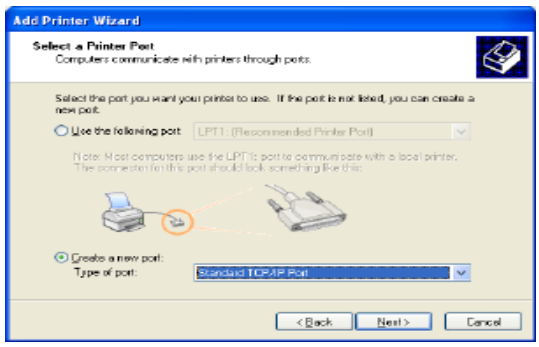
NOTE
- For Windows 2000, click **Start** - **Settings**- **Printers**, click **Add a Printer**.

2. Select **Local printer attached to this computer** you want to use. Be sure to remove the check mark from the **Automatically detect and install my Plug and Play printer**. Click **Next**.

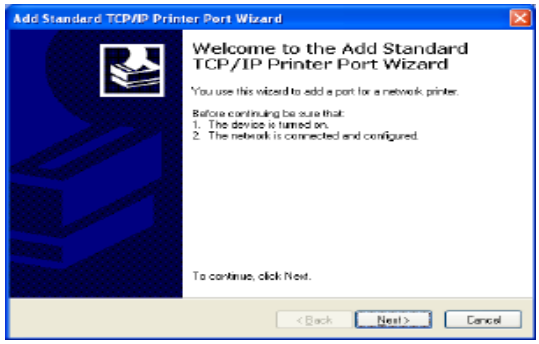

Add Printer Wizard
Local or Network Printer
The wizard needs to know which type of printer to set up.
Select the option that describes the printer you want to use:
Local printer attached to this computer
Automatically detect and install my Plug and Play printer
A network printer, or a printer attached to another computer
To set up a network printer that is not attached to a print server, use the "Local printer" option.
< Back
Next >
Cancel

NOTE
- For Windows 2000, select **Local printer** and remove a check from the **Automatically detect and install my plug and play printer**.

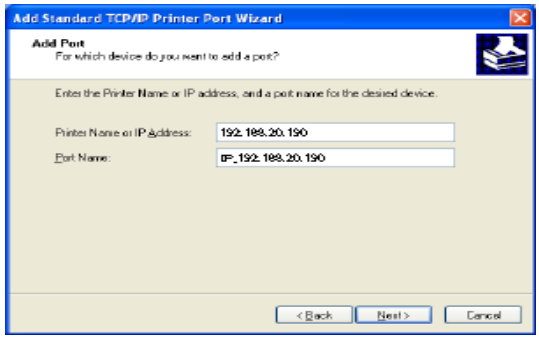
3. Select **Create a new port** and select **Standard TCP/IP Port**. Click **Next**.


Add Printer Wizard
Select a Printer Port
Computers communicate with printers through ports.
Select the port you want your printer to use. If the port is not listed, you can create a new port.
Use the following port:
LPT1: (Recommended Printer Port)
Create a new port:
Type of port:
Standard TCP/IP Port
< Back
Next >
Cancel

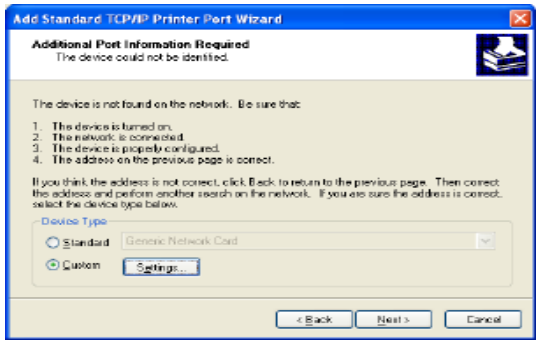
4. Click **Next**.


Add Standard TCP/IP Printer Port Wizard
Welcome to the Add Standard TCP/IP Printer Port Wizard
You use this wizard to add a port for a network printer.
Before continuing be sure that:
1. The device is turned on.
2. The network is connected and configured.
To continue, click Next.
< Back
Next >
Cancel

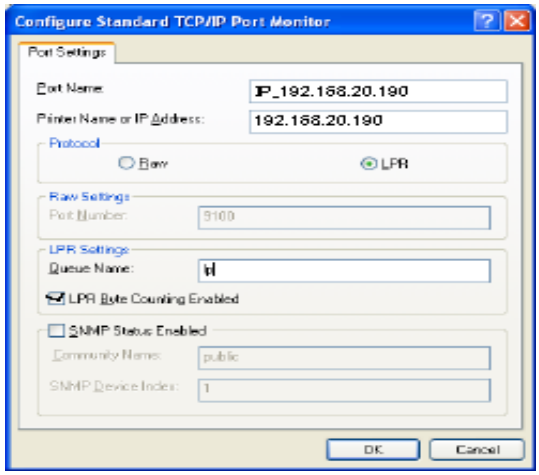
5.Type in the IP address configured on the PRICOM R-9100U in **printer name or IP address**. Click **Next.**


Add Standard TCP/IP Printer Port Wizard
Add Port
For which device do you want to add a port?
Enter the Printer Name or IP address, and a port name for the desired device.
Printer Name or IP Address:
192.168.20.190
Port Name:
IP_192.168.20.190
< Back
Next >
Cancel

6. Select **Custom** in **Device Type** and click **Settings**.


Add Standard TCP/IP Printer Port Wizard
Additional Port Information Required
The device could not be identified.
The device is not found on the network. Be sure that:
1. The device is turned on.
2. The network is connected.
3. The device is properly configured.
4. The address on the previous page is correct.
If you think the address is not correct, click Back to return to the previous page. Then correct the address and perform another search on the network. If you are sure the address is correct, select the device type below.
Device Type
Standard
Generic Network Card
Custom
Settings...
< Back
Next >
Cancel

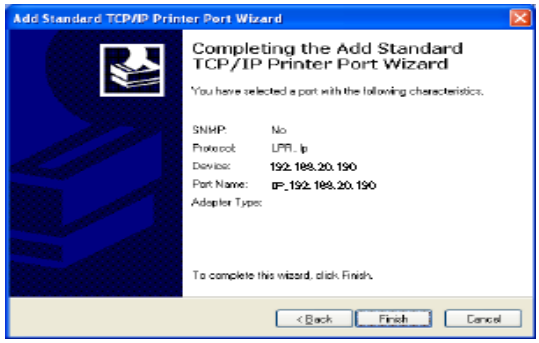
7. Select **LPR.** Type in **lp** and check the **LPR Byte Counting Enabled**. Click **OK.**



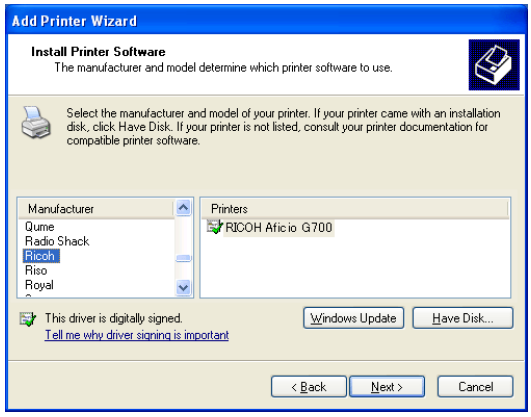
NOTE

- Click **OK**. It will take you back to Step 6. Click **Next**.

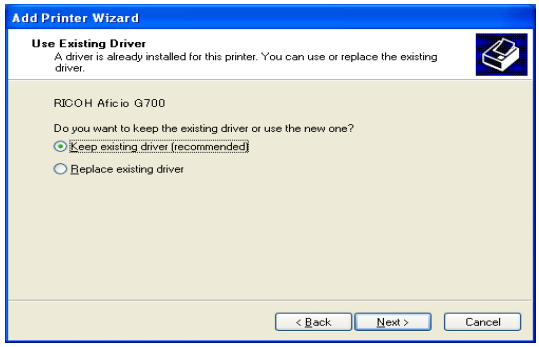
8. Click **Finish**.



9. Select the printer driver you want to use and click **Next**.


Add Printer Wizard
Install Printer Software
The manufacturer and model determine which printer software to use.
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
Manufacturer
Qume
Radio Shack
Ricoh
Riso
Royal
Printers
RICOH Aficio G700
This driver is digitally signed.
Tell me why driver signing is important
Windows Update
Have Disk...
< Back
Next >
Cancel

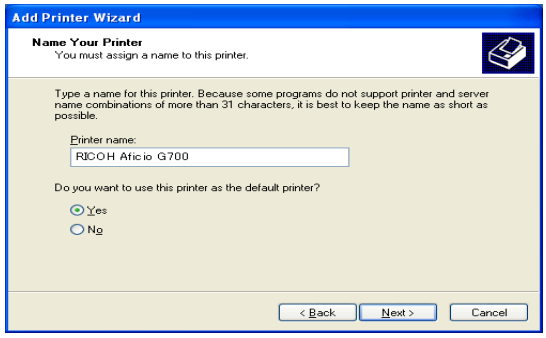
10. Select **Keep existing driver (recommended)** or **Replace existing driver**. Click **Next**.


Add Printer Wizard
Use Existing Driver
A driver is already installed for this printer. You can use or replace the existing driver.
RICOH Aficio G700
Do you want to keep the existing driver or use the new one?
Keep existing driver (recommended)
Replace existing driver
< Back
Next >
Cancel

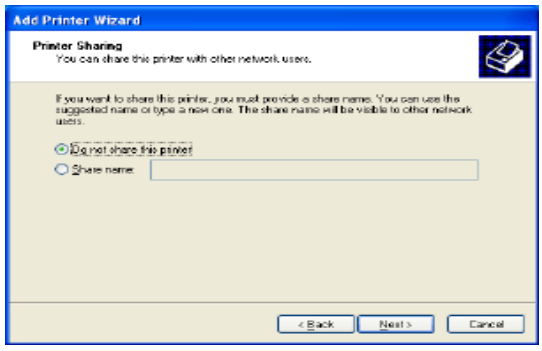
NOTE

- When installing the latest driver, select **Replace existing driver**.

11. Enter a name for the printer. Select **Yes** to make this the default printer. Click **Next**.


Add Printer Wizard
Name Your Printer
You must assign a name to this printer.
Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible.
Printer name:
RICOH Aficio G700
Do you want to use this printer as the default printer?
Yes
No
< Back
Next >
Cancel

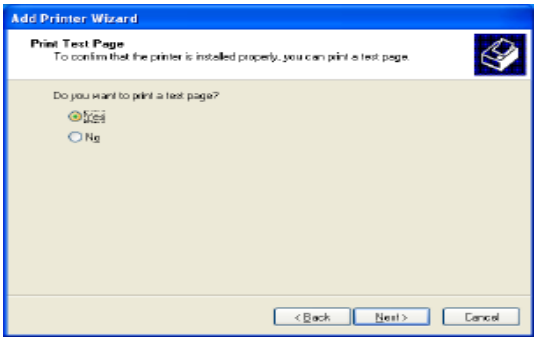
12. Select whether to **Share name** or **Do not share this printer**. If you select **Share name**, you can type the printer name you want to use. Click **Next**.


Add Printer Wizard
Printer Sharing
You can share this printer with other network users.
If you want to share this printer, you must provide a share name. You can use the suggested name or type a new one. The share name will be visible to other network users.
Do not share this printer
Share name:
< Back
Next >
Cancel

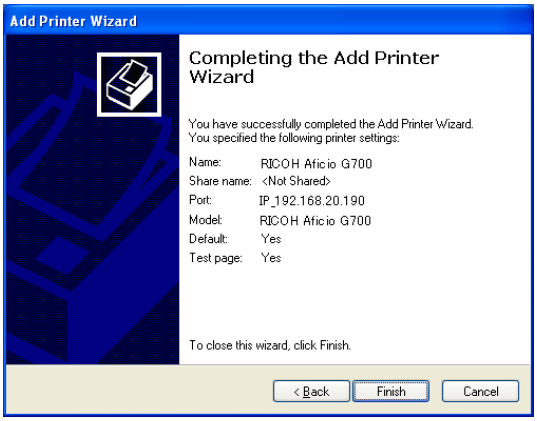
NOTE

- If the printer is shared with other computers in the same network, select **Share name**.

13. Select **Yes** to do a print test page. Click **Next.**


Add Printer Wizard
Print Test Page
To confirm that the printer is installed properly, you can print a test page.
Do you want to print a test page?
Yes
No
< Back
Next >
Cancel

14. If the test page is printed properly, configuration is complete. Click **Finish**.



Print using the Windows Server 2003 Standard TCP/IP port

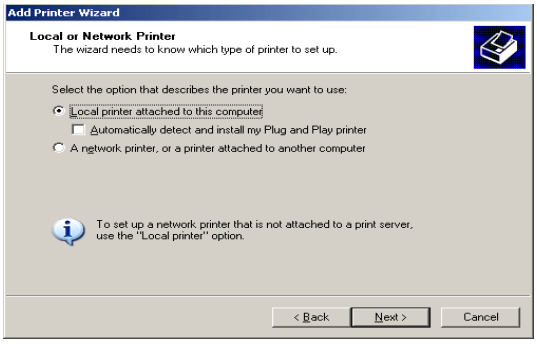
NOTE
TIP

- The Aficio G status monitor cannot be used when printing through a Standard TCP/IP printer port embedded in Windows 2003 server.
- To configure this product, you must have Administrator rights.

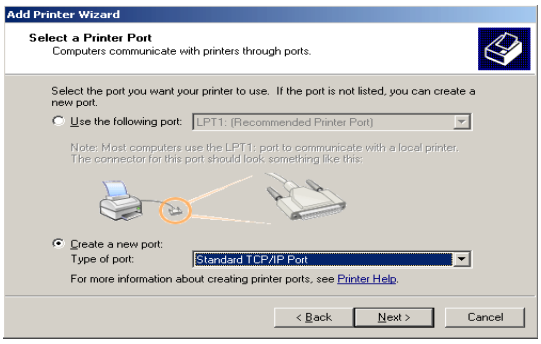
1. Click **start** - **Control Panel** - **Printers and Other Hardware** - **Add a printer**. Click **Next**.

Add Printer Wizard
Welcome to the Add Printer Wizard
This wizard helps you install a printer or make printer connections.
If you have a Plug and Play printer that uses USB or a hot pluggable port such as IEEE 1394 or infrared, you do not need to use this wizard. Attach and turn on your printer, and Windows will install it for you.
For more information about installing this type of Plug and Play printer, see Printer Help.
To continue, click Next.
< Back
Next >
Cancel

2. Check **local printer attached to this Computer** you want to use. Be sure to remove a check mark form the **Automatically detect and install my Plug and Play printer**. Click **Next**.


Add Printer Wizard
Local or Network Printer
The wizard needs to know which type of printer to set up.
Select the option that describes the printer you want to use:
Local printer attached to this computer
Automatically detect and install my Plug and Play printer
A network printer, or a printer attached to another computer
To set up a network printer that is not attached to a print server, use the "Local printer" option.
< Back
Next >
Cancel

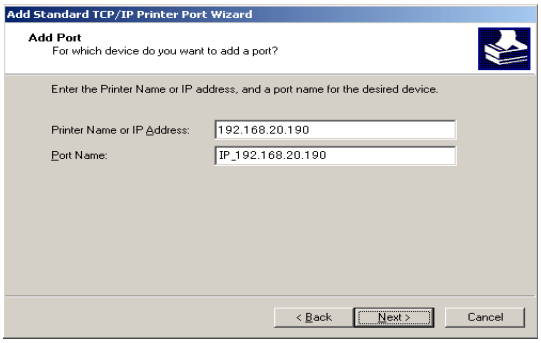
3. Select **Create a new port** and select **Standard TCP/IP Port**. Click **Next**.


Add Printer Wizard
Select a Printer Port
Computers communicate with printers through ports.
Select the port you want your printer to use. If the port is not listed, you can create a new port.
Use the following port:
LPT1: (Recommended Printer Port)
Note: Most computers use the LPT1: port to communicate with a local printer. The connector for this port should look something like this:
Create a new port:
Type of port:
Standard TCP/IP Port
For more information about creating printer ports, see Printer Help.
< Back
Next >
Cancel

4. Click **Next**.

Add Standard TCP/IP Printer Port Wizard
Welcome to the Add Standard TCP/IP Printer Port Wizard
This wizard helps you add a port for a network printer.
Before continuing be sure that:
1. The device is turned on.
2. The network is connected and configured.
To continue, click Next.
< Back
Next >
Cancel

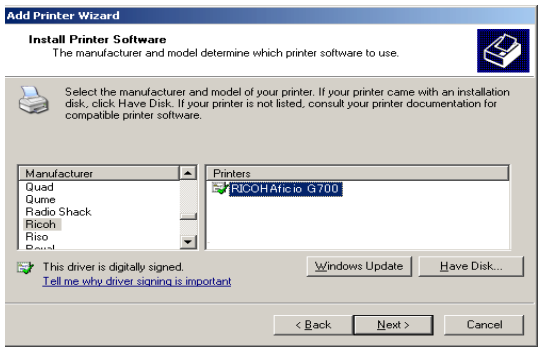
5. Type in the IP address configured on the PRICOM R-9100U in **printer name or IP address**. Click **Next**.


Add Standard TCP/IP Printer Port Wizard
Add Port
For which device do you want to add a port?
Enter the Printer Name or IP address, and a port name for the desired device.
Printer Name or IP Address:
192.168.20.190
Port Name:
IP_192.168.20.190
< Back
Next >
Cancel

6. Click **Finish**.

Add Standard TCP/IP Printer Port Wizard
Completing the Add Standard TCP/IP Printer Port Wizard
You have selected a port with the following characteristics.
SNMP: No
Protocol: LPR, lp
Device: 192.168.20.190
Port Name: IP_192.168.20.190
Adapter Type: silex Print Server (PRICOM)
To complete this wizard, click Finish.
< Back
Finish
Cancel

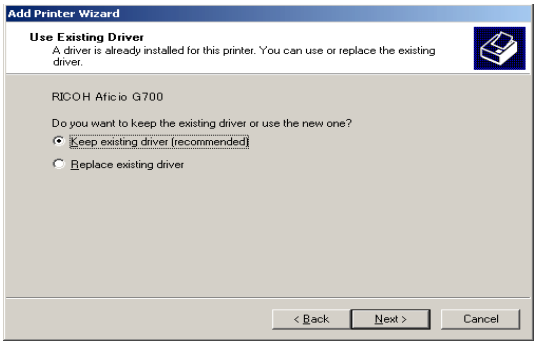
7. Select the printer driver you want to use and click **Next**.


Add Printer Wizard
Install Printer Software
The manufacturer and model determine which printer software to use.
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
Manufacturer
Quad
Qume
Radio Shack
Ricoh
Riso
Printers
RICOH Aficio G700
This driver is digitally signed.
Tell me why driver signing is important
Windows Update
Have Disk...
< Back
Next >
Cancel

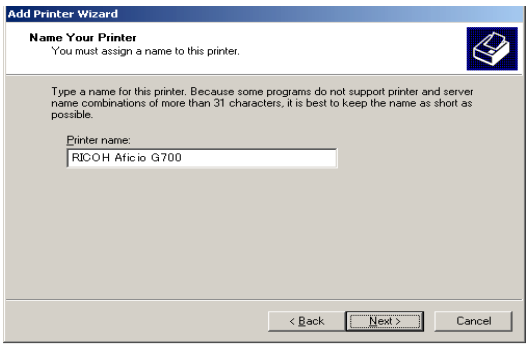
8. Select **Keep existing driver (recommended)** or **Replace existing driver**. Click **Next**.

NOTE

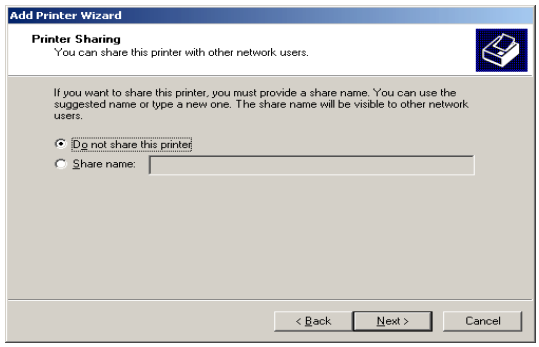
- When installing the latest driver, select **Replace existing driver**.


Add Printer Wizard
Use Existing Driver
A driver is already installed for this printer. You can use or replace the existing driver.
RICOH Aficio G700
Do you want to keep the existing driver or use the new one?
Keep existing driver (recommended)
Replace existing driver
< Back
Next >
Cancel

9. Enter a name for the printer. Click **Next**.


Add Printer Wizard
Name Your Printer
You must assign a name to this printer.
Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible.
Printer name:
RICOH Aficio G700
< Back
Next >
Cancel

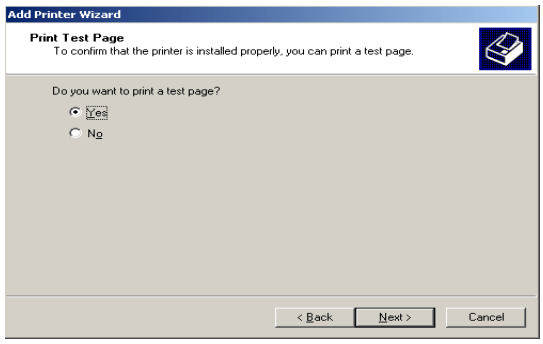
10. Select whether to **Share name** or **Do not share this printer**. If you select **Share name**, you can type the printer name you want to use. Click **Next**.


Add Printer Wizard
Printer Sharing
You can share this printer with other network users.
If you want to share this printer, you must provide a share name. You can use the suggested name or type a new one. The share name will be visible to other network users.
Do not share this printer
Share name:
< Back
Next >
Cancel

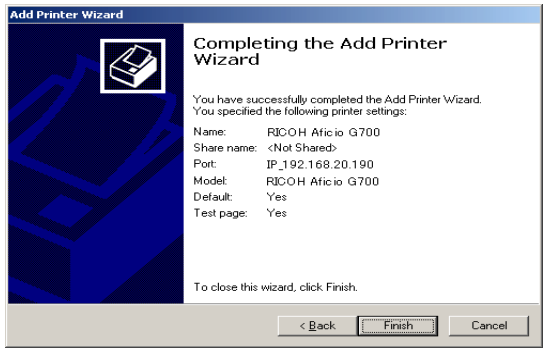
NOTE

- If the printer is shared with other computers in the same network, select **Share name**.

11. Select **Yes** to do a print test page. Click **Next.**


Add Printer Wizard
Print Test Page
To confirm that the printer is installed properly, you can print a test page.
Do you want to print a test page?
Yes
No
< Back
Next >
Cancel

12. If the test page is printed properly, configuration is complete. Click **Finish**.



Print using the Windows 2000/WindowsXP/Windows Server 2003 IPP port

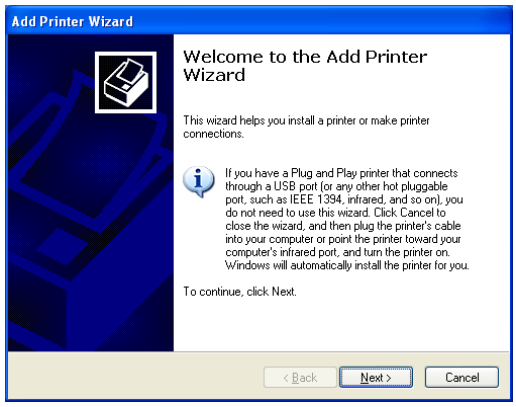
NOTE
TIP

- The Aficio G status monitor cannot be used when printing through the IPP printing function embedded in Windows 2000, Windows XP, Windows Server 2003.
- To configure this product, you must have Administrator rights.

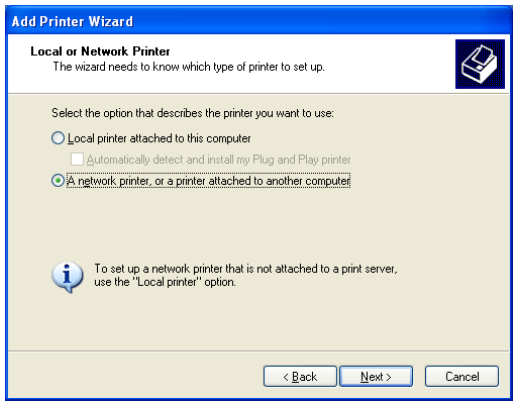
NOTE

- The following example uses Windows XP. If you use Windows 2000 or Windows Server 2003, the screen will be different.
- When printing using IPP, your web browser needs to have proper proxy server settings in order to print over the Internet. For Internet Explore 4/5, right-click **Internet** from the Start menu, open **Internet properties - Connections - LAN settings** and then configure for your proxy server.

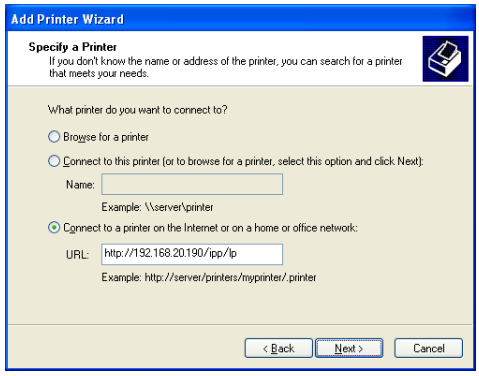
1. Go to **start**-**Control Panel**-**Printers and Other Hardware** and double click **Add a printer**. Add Printer Wizard will start. Click **Next**.


Add Printer Wizard
Welcome to the Add Printer Wizard
This wizard helps you install a printer or make printer connections.
If you have a Plug and Play printer that connects through a USB port (or any other hot pluggable port, such as IEEE 1394, infrared, and so on), you do not need to use this wizard. Click Cancel to close the wizard, and then plug the printer's cable into your computer or point the printer toward your computer's infrared port, and turn the printer on. Windows will automatically install the printer for you.
To continue, click Next.
< Back
Next >
Cancel

2. Select **A network printer, or a printer attached to another computer** for printer connection. Click **Next**.


Add Printer Wizard
Local or Network Printer
The wizard needs to know which type of printer to set up.
Select the option that describes the printer you want to use:
Local printer attached to this computer
Automatically detect and install my Plug and Play printer
A network printer, or a printer attached to another computer
To set up a network printer that is not attached to a print server, use the "Local printer" option.
< Back
Next >
Cancel

3. At **Specify a Printer**, select **Connect to a printer on the Internet or on a home or office network** and assign the URL of the PRICOM R-9100U or the IP address. Click **Next**.


Add Printer Wizard
Specify a Printer
If you don't know the name or address of the printer, you can search for a printer that meets your needs.
What printer do you want to connect to?
Browse for a printer
Connect to this printer (or to browse for a printer, select this option and click Next):
Name:
Example: \\server\printer
Connect to a printer on the Internet or on a home or office network:
URL:
http://192.168.20.190/ipp/lp
Example: http://server/printers/myprinter/.printer
< Back
Next >
Cancel

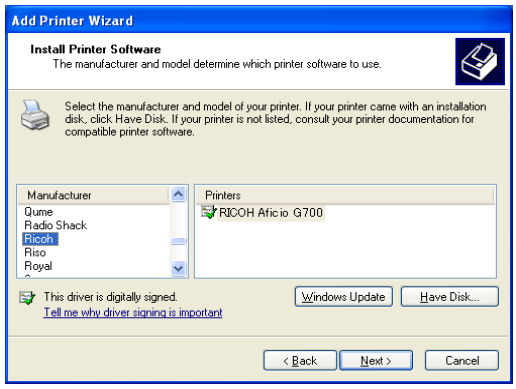
- If the URL is "abc.com"
  http://abc.com/ipp/lp
  or http://abc.com/ipp

-If the IP address is "192.168.20.190"
  http://192.168.20.190/ipp/lp
  or http://192.168.20.190/ipp

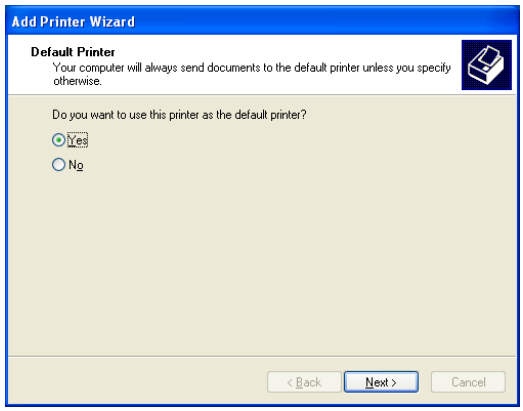
NOTE

- When using Windows 2000, a "Printer connections" window may appear. Click **OK** to proceed.

4. Select the printer driver for your printer and click **Next.**


Add Printer Wizard
Install Printer Software
The manufacturer and model determine which printer software to use.
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
Manufacturer
Qume
Radio Shack
Ricoh
Riso
Royal
Printers
RICOH Aficio G700
This driver is digitally signed.
Tell me why driver signing is important
Windows Update
Have Disk...
< Back
Next >
Cancel

5. Select to use this printer as the default printer. Click **Next**. When setup is complete, click **Finish**.


Add Printer Wizard
Default Printer
Your computer will always send documents to the default printer unless you specify otherwise.
Do you want to use this printer as the default printer?
Yes
No
< Back
Next >
Cancel

NOTE
TIP

- To print via the proxy server, be sure to set up the proxy server on your Web browser. In Internet Explorer4/5, go to **start-Internet** and then right click. Go to **Internet Properties-Connections-LAN Settings**. You will see the display on the right.

Using a Web Browser

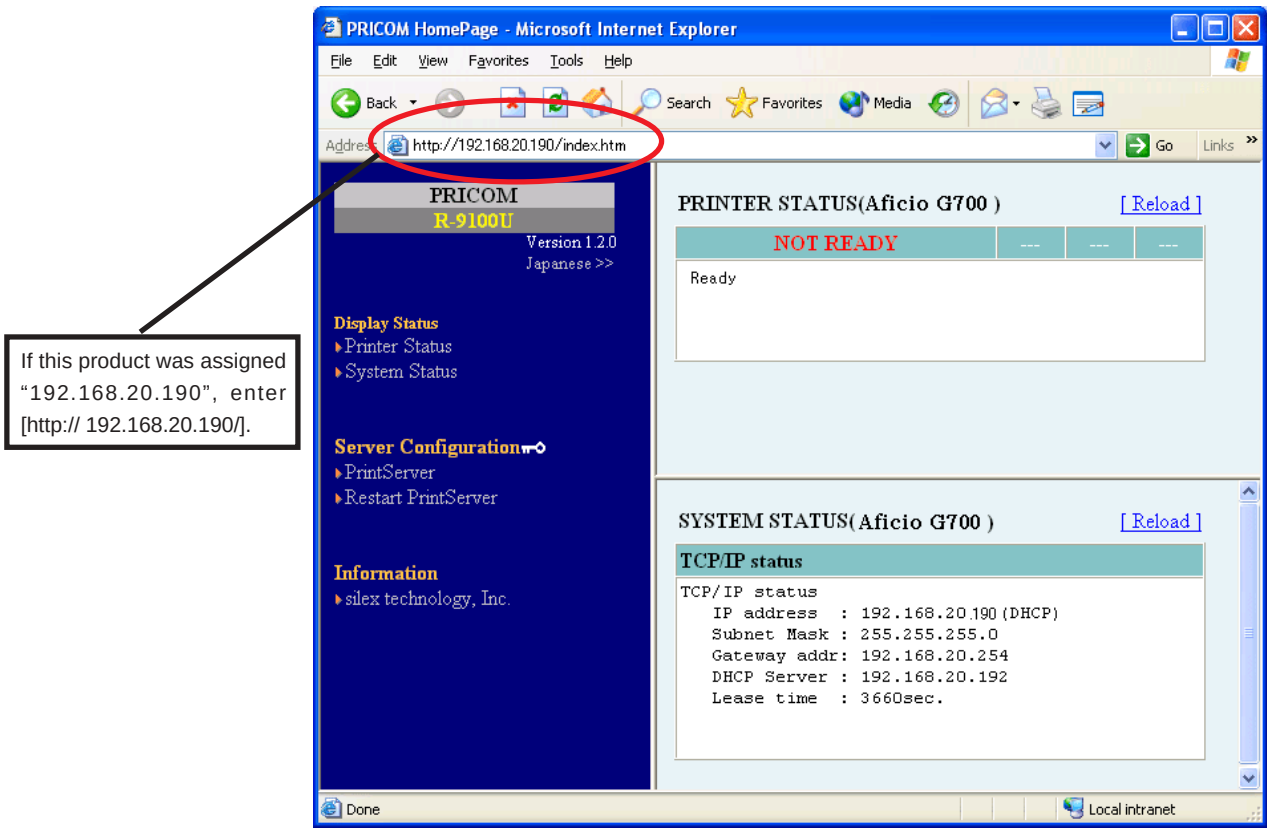
The PRICOM R-9100U has HTTP which enables you to check or change the configuration as well as checking the device status.

NOTE
TIP

- For Web browser, we recommend Netscape Navigator 4.0 (or higher) or Internet Explorer 4.0 (or higher) version. If a different web browser is used, it must be compatible with HTTP 1.0 (RFC1945) and HTML 2.0 (RFC1866).
- The information may be different depending on the products.
- The PRICOM R-9100U cannot be initially configured using a Web browser.
- When using the Web browser, the TCP/IP protocol must be loaded and an IP address must be assigned to the PRICOM R-9100U.
- If the firmware version of the PRICOM R-9100U is 2.0.0 or newer, the model name will be displayed as "R-9100U+."

Connecting with the PRICOM R-9100U using a Web browser

Type the IP address of the PRICOM R-9100U in the Web browser to open the PRICOM's web page.
Example: http://192.168.20.190/

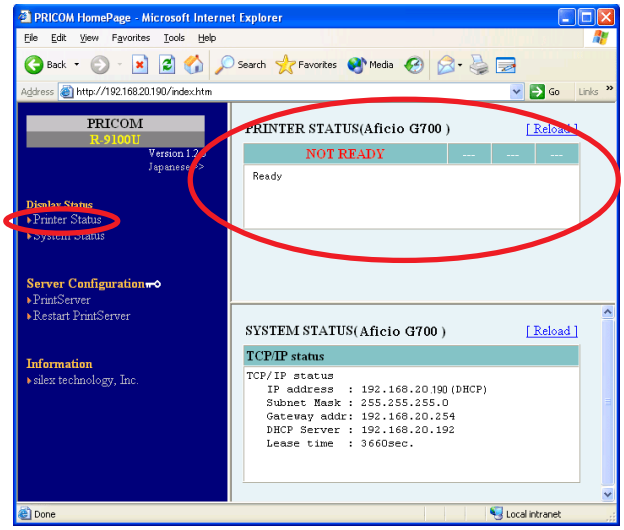


NOTE

- The manual explanations are based on the English screen shot descriptions.

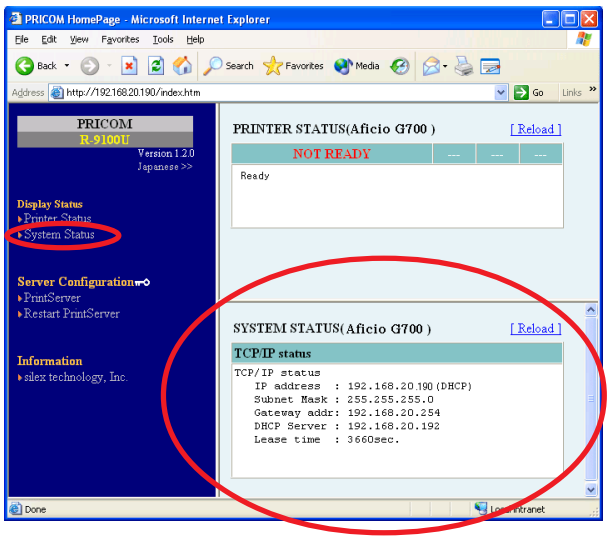
Display Status

Printer status and system information of the printer, which the PRICOM R-9100U is connected to, can be seen here.



Printer Status

The information for a printer connected to this product is displayed. A printer name and the status information of a printer are displayed.

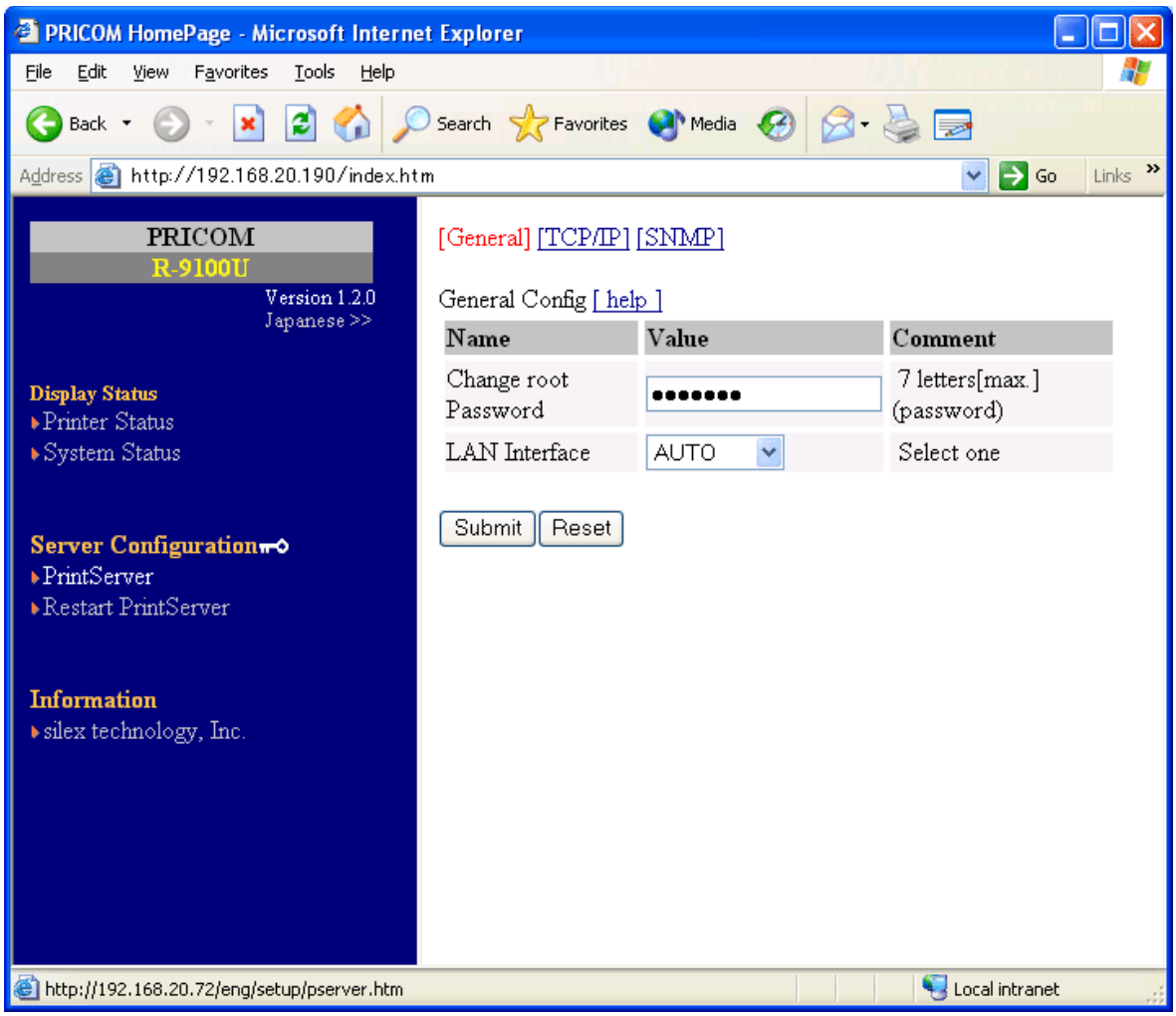


System Status

This screen displays the status information and configuration for this product.

Change the configuration

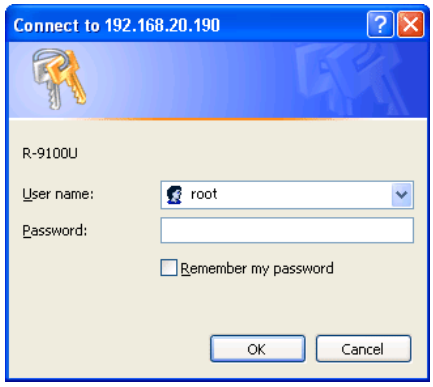
Print server functions



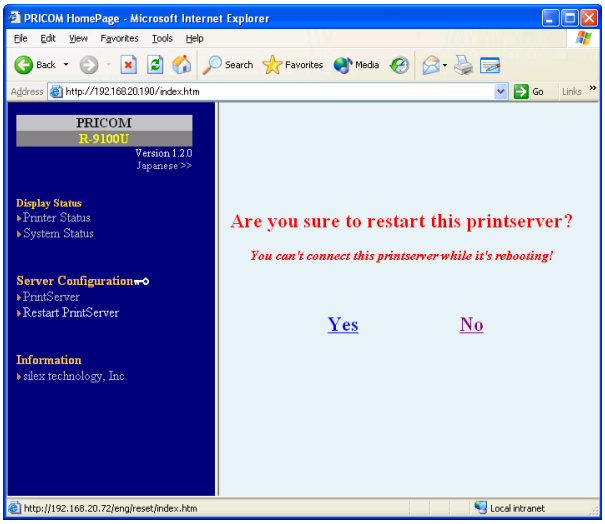
It is possible to change the configuration of this product by using a web browser. When changing the configuration of a PRICOM from a web browser, a user name and password are required.

NOTE
TIP

- Input **root** for the username then click **OK**, or enter the password if you have created one. The default is no password (Blank).



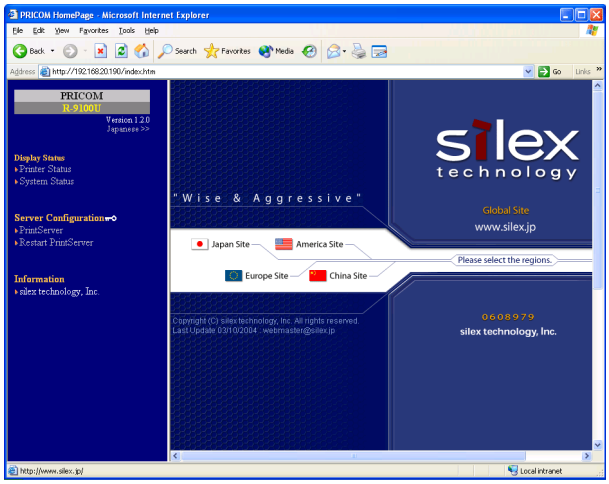
Restart Print Server



The PRICOM R-9100U can be reset from the web browser. The PRICOM R-9100U is rebooted by choosing **Yes** on the reboot screen.

Displaying our home page

silex technology, Inc. (Information)



The silex technology web page can be linked from the PRICOM R-9100U. If you have questions about our product, please refer to our web page.

Other functions

This chapter explains other functions about the PRICOM R-9100U. A web browser or TELNET is required for configuration.

NOTE

- For further details on how to use the PRICOM R-9100U Web browser, TELNET or the procedure to change the PRICOM R-9100U configuration, refer to "Connecting with the PRICOM R-9100U using a Web browser" or "About TELNET" in this section.

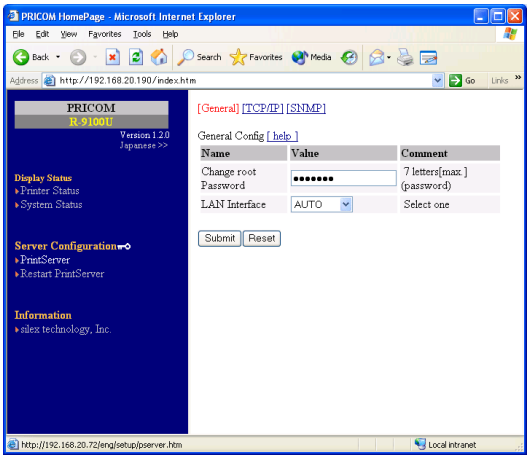
IP filtering

The PRICOM can define scopes of IP addresses to allow or deny communication. When setting up for "DENY", communications from the designated IP address scope will be prohibited. When setting up "ALLOW", communication will be allowed only from the designated IP addresses. Up to 4 IP address scopes can be registered for the DENY/ALLOW functions. IP filtering can protect illegal access from unexpected network client users.

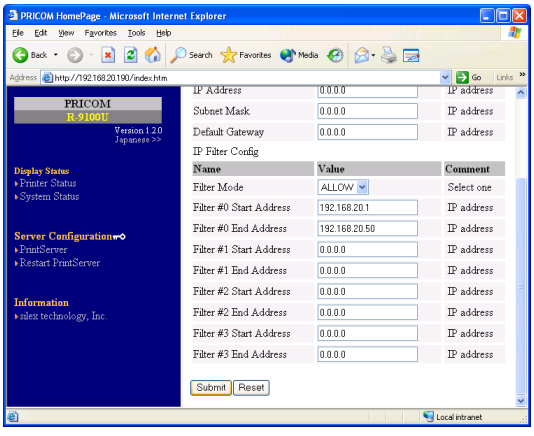
(Example)

To allow access from the IP address scope between 192.168.20.1-192.168.20.50 using a web browser;

1. Log in to the PRICOM via a web browser, then go to the "TCP/IP" tab.



2. Enter the necessary parameters at "IP filter Configuration" in the "TCP/IP" item. For this case, enable "ALLOW" at the Filter Mode, then enter 192.168.20.1 and 192.168.20.50 for both "Start Address" and "End Address" area respectively.



About TELNET

After assigning an IP address to the PRICOM R-9100U, parameters can be configured with TELNET in your TCP/IP or SNMP software. TELNET allows you to display and set parameters for the PRICOM R-9100U by using the following commands. Below are some examples.

TIP

- Only one PRICOM unit can be connected with a PC over TELNET.

NOTE

- The MS-DOS Prompt or Command Prompt embedded in the Windows operating system can be used to connect with the PRICOM unit over TELNET. For Windows 95/98/Me/NT 4.0 users, go to Start, Programs, then activate MS-DOS Prompt. For the Windows 2000/XP/Server 2003 users, go to Start, All programs-Accessories, then activate the "Command prompt".

Connecting with the PRICOM R-9100U over TELNET

Command to connect with the PRICOM R-9100U over TELNET

telnet xxx.xxx.xxx.xxx
(IP Address)

Example of display when logged in using TELNET

```
PRICOM R-9100U Ver x.x.x TELNET server.
Copyright (C) 2003 silex technology, Inc.
login: root
'root' user needs password to login.
password:
User 'root' logged in.

 No.  Item                    Value          (level.1)
------------------------------------------------------------------------
  1 : Configure General
  2 : Configure TCP/IP
  3 : Configure SNMP
 96 : Display Status
 97 : Reset Settings to Defaults
 98 : Restart Print Server
 99 : Exit
Please select(1 - 99)?
```

Display Example for Each Menu

Each menu item is designed in a layered structure. (level.xx) on the upper right of the screen indicates a layer. When changing a configuration, select the number of items to be changed, and enter a parameter. When deleting a setting, and leaving the setting item blank, enter ""(two double quotations). When configuration is complete, select "99:Back to prior menu" and return to "level.1." Then select "99:Exit." Since the exit option can be selected, make sure to select "Save and Restart" when a configuration change needs to be reflected to the PRICOM R-9100U. Display examples for each layer are shown as follows.

Configure General Menu [1]

```
 No.  Item                          Value          (level.2)
-------------------------------------------------------------------------
  1 : Change root Password       : "*******"
  2 : LAN Interface               : AUTO
 99 : Back to prior menu
Please select(1 - 99)?
```

Configure TCP/IP Menu [2]

```
 No.  Item                          Value          (level.2)
-------------------------------------------------------------------------
  1 : DHCP/BOOTP                 : DISABLE
  2 : RARP                       : DISABLE
  3 : IP Address                 : 192.168.20.190
  4 : Subnet Mask                : 255.255.255.0
  5 : Default Gateway            : 192.168.20.254
  6 : IP Filter Config
 99 : Back to prior menu
Please select(1 - 99)?
```

Configure SNMP menu [3]

```
 No.  Item                          Value          (level.2)
-------------------------------------------------------------------------
  1 : Authentic Community         : "****************"
  2 : Trap Community              : "public"
  3 : Trap Address(IP)             : 0.0.0.0
  4 : SysContact                  : ""
  5 : SysName                     : ""
  6 : SysLocation                 : ""
  7 : EnableAuthenTrap            : 2
 99 : Back to prior menu
Please select(1 - 99)?
```

Display Status menu [96]

Display Status
 1 : prn1
 2 : system
99 : Back to prior menu
Please select(1 - 99)?

prn1 menu [96-1]

prn1 :
 Ready

system menu [96-2]

R-9100U Version x.x.x
TCP/IP status
 IP address : 192.168.20.190
 Subnet Mask : 255.255.255.0
 Gateway addr : 192.168.20.254

Parameter Configuration

After you have finished installing the PRICOM R-9100U, you need to configure the functions. Below are the explanations on how to configure the PRICOM R-9100U.

General

	Factory Default	Explanation
Change root Password	none (no password)	Set up a password for the administrator. This password will be used for Telnet, Web page, and setup utility.
LAN Interface	AUTO	Set up the LAN interface. Normally use in AUTO. If you see no blinking on the HUB after you turn on the PRICOM, change to appropriate type.

TCP/IP

	Factory Default	Explanation
DHCP/BOOTP	ENABLE	Enable or disable DHCP/BOOTP. This is a protocol which acquires an IP address from DHCP/BOOTP server when booted. In order to use this function with the PRICOM, a DHCP/BOOTP server must exist in the network and properly set up. the PRICOM will automatically acknowledge.
RARP	ENABLE	Enable or disable RARP. RARP is a protocol which acquire IP address from RARP server when booted. In order to use this function with the PRICOM, a DHCP/BOOTP server must exist within the same subnetwork and properly set up.
IP Address	0.0.0.0	Set up an IP address. The value must be configured in the format of four part series of numbers separated by decimal points, such as “xxx.xxx.xxx.xxx”.
Subnet Mask	0.0.0.0	Set up a subnet mask. The value must be configured in the format of four part series of numbers separated by decimal points, such as “xxx.xxx.xxx.xxx”. The gateway must reside within the same subnetwork as the PRICOM. If you set as 0.0.0.0, this section will be invalid.
Default Gateway	0.0.0.0	Set up a gateway IP address. The parameter should be a decimal that looks like “xxx.xxx.xxx.xxx”. Gateway must reside within the same subnetwork as the PRICOM. If you set as 0.0.0.0, this section will be invalid.

Filter Mode	DENY	Specify the filter mode.
Filter #0 Start Address	0.0.0.0	Specify the filter start Address.
Filter #0 End Address	0.0.0.0	Specify the filter end Address.
Filter #1 Start Address	0.0.0.0	Specify the filter start Address.
Filter #1 End Address	0.0.0.0	Specify the filter end Address.
Filter #2 Start Address	0.0.0.0	Specify the filter start Address.
Filter #2 End Address	0.0.0.0	Specify the filter end Address.
Filter #3 Start Address	0.0.0.0	Specify the filter start Address.
Filter #3 End Address	0.0.0.0	Specify the filter end Address.

NOTE

- Communication from a designated range of IP addresses can be blocked when Filter Mode is set to "DENY." On the other hand, when Filter Mode is set to "ALLOW," communication from only a designated range of IP addresses can be enabled.

SNMP

	Factory Default	Explanation
Authentic Community	"Public"	Setup SNMP authentic community name. This community name is authenticated when receiving SNMP Set Request.
Trap Community	"Public"	Enter TRAP community name. This name will be used when the PRICOM executes a trap.
Trap Address (IP)	0.0.0.0	Enter the TRAP address. The TRAP address is disabled if the IP address is set 0.0.0.0.
SysContact	""	Enter SysContact for MIB-II object. Normally enter administrator's mail address.
SysName	""	Enter SysName for MIB-II object. Normally enter the PRICOM's host name or domain name.
SysLocation	""	Enter SysLocation for MIB-II object. Normally enter location where the PRICOM is located.
EnableAuthenTrap	2	Enable or disable authenticate trap for MIB-II. When enabled, in occurrence of community error, a SNMP trap will be sent to the address set at "Trap Address".